

Substitute Form PTO-1449 (Modified)	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 13681-012001	Application No. 10/600,182
<b>Information Disclosure Statement by Applicant</b> (Use several sheets if necessary)		Applicant Otterbein et al.	
		Filing Date June 20, 2003	Group Art Unit 1651
(37 CFR §1.98(b))			

U.S. Patent Documents							
Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
	A1	5,498,421	05/12/1996	Gristaff et al.			
	A2	5,632,162	05/27/1997	Billy			
	A3	7,045,140	05/16/2006	Motterlini et al.			
	A4	2005/0215468	09/29/2005	Bar-Or et al.			
	A5	2006/0003922	01/05/2006	Bach et al.			
	A6						

Foreign Patent Documents or Published Foreign Patent Applications								
Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation	
							Yes	No
	B1	WO 02/078684	10/10/2002	WIPO				
	B1	WO 2004/004817	01/15/2004	WIPO				

Other Documents (Include Author, Title, Date, and Place of Publication)		
Examiner Initial	Desig. ID	Document
	C1	Allred et al., "Effects of Carbon Monoxide on Myocardial Ischemia," Environmental Health Perspectives 91:89-132 (1991)
	C2	American Thoracic Society, "Single breath carbon monoxide diffusing capacity (transfer factor): recommendations for a standard technique," Am. Rev. Respir. Dis. 136:1299-1307 (1987)
	C3	American Thoracic Society, "Single breath carbon monoxide diffusing capacity (transfer factor): recommendations for a standard technique-1995 update," Am. J. Respir. Crit. Care. Med. 152:2185-2198 (1995)
	C4	Arcasoy et al., "Erythropoietin (EPO) Stimulates Angiogenesis In Vivo and Promotes Wound Healing," Blood 98:822A-823A, Abstract (2001)
	C5	Bathorn et al., "Effects of low dose inhaled carbon monoxide in patients with COPD," Eur. Respir. J. 28(Suppl. 50):661s (2006)
	C6	Caplan et al., "Role of asphyxia and feeding in a neonatal rat model of necrotizing enterocolitis," Pediatr. Pathol., 14:1017-1028 (1994)
	C7	Carbon Monoxide to Prevent Lung Inflammation, <a href="http://www.clinicaltrials.gov/ct/show/NCT00094406?order=2">http://www.clinicaltrials.gov/ct/show/NCT00094406?order=2</a> (website visited by applicant on August 28, 2006)
	C8	Czlonkowska et al., "Immune processes in the pathogenesis of Parkinson's disease - a potential role for microglia and nitric oxide," Med. Sci. Monit. 8:RA165-RA177 (2002)
	C9	Ellenhorn and Barceloux, "Carbon Monoxide" in <i>Medical Toxicology, Diagnosis and Treatment of Human Poisoning</i> (New York, New York) pp. 820-829 (1988)
	C10	Favory et al., "Myocardial Dysfunction and Potential Cardiac Hypoxia in Rats Induced by Carbon Monoxide Inhalation," Am. J. Respir. Crit. Care Med. 174:320-25 (2006)

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	C11	Goldberg and Schneider, "Similarities between the oxygen-sensing mechanisms regulating the expression of vascular endothelial growth factor and erythropoietin," J. Biol. Chem. 269:4355-359 (1994)
	C12	Guo, "The Research Status of the Gas Messenger Molecules of Nitric Oxide and Carbon Monoxide in the Biomedicine Field," Practical Journal of Cardiac, Cerebral and Pulmonary Vascular Diseases Vol. 8(2) (2000) (English translation included)
	C13	Harney and Bouchier-Hayes, "Vascular endothelial growth factor (VEGF), a survival factor for tumour cells: implications for anti-angiogenic therapy," Bioessays 24:280-83(2003)
	C14	Hartsfield, "Cross talk between carbon monoxide and nitric oxide," Antioxid. Redox Signal. 4:301-307 (2002)
	C15	Johnson et al., "Relationships between drug activity in NCI preclinical in vitro and in vivo models and early clinical trials," Br. J. Cancer 84:1424-31 (2001)
	C16	Josko, "Vascular endothelial growth factor (VEGF) and its effect on angiogenesis," Medical Science Monitor 6:1047-52 (2000)
	C17	Krause et al., "Recombinant human erythropoietin and VEGF have equal angiogenic potency: Investigation in a novel in vitro assay of human vascular tissues," European Heart J. 22:154 Abstract (2001)
	C18	Mazzola et al., "Carbon monoxide pretreatment prevents respiratory derangement and ameliorates hyperacute endotoxic shock in pigs," FASEB J. 19:2045-2047 (2005)
	C19	Modification of Chronic Inflammation by Inhaled Carbon Monoxide in Patients with Stable Chronic Obstructive Pulmonary Disease (COPD) <a href="http://www.clinicaltrials.gov/ct/show/NCT00122694?order=1">http://www.clinicaltrials.gov/ct/show/NCT00122694?order=1</a> , website visited by Applicant on August 28, 2006
	C20	Morse and Choi, "Heme oxygenase-1: from bench to bedside," Am. J. Respir. Crit. Care Med. 172:660-670 (2005)
	C21	Motterlini et al., "Carbon Monoxide-Releasing Molecules: Characterization of Biochemical and Vascular Activities," Circ. Res. 90:e17-324 (2002)
	C22	Nakao et al., "A single intraperitoneal dose of carbon monoxide-saturated ring's lactate solution ameliorates postoperative ileus in mice," J. Pharmacol. Exp. Ther. 319:1265-75 (2006)
	C23	Omaye, "Metabolic modulation of carbon monoxide toxicity," Toxicol. 180:139-150 (2002)
	C24	Potter et al., "The inflammation-induced pathological chaperones ACT and apo-E are necessary catalysts of Alzheimer amyloid formation," Neurobiology of Aging 22:923-30 (2001)
	C25	Raman et al., "Inhaled carbon monoxide inhibits intimal hyperplasia and provides added benefit with nitric oxide," J. Vasc. Surg. 44:151-158 (2006)
	C26	Ramlawi et al., "Inhaled Carbon Monoxide Prevents Graft-Induced Intimal Hyperplasia in Swine," J. Surg. Res. 138:121-127 (2007)
	C27	Shahin et al., "Carboxyhemoglobin in pediatric sepsis and the systematic inflammatory response syndrome," Clinical Intensive Care 11(6):311-17 (2000)
	C28	Stewart, "The effect of carbon monoxide on humans," J. Occup. Med. 18:304-309 (1976)
	C29	Stewart, "The effects of low concentrations of carbon monoxide in man," Scand. J. Respir. Dis. Suppl. 91:56-62 (1974)
	C30	Thiemermann, "Inhaled CO: deadly gas or novel therapeutic," Nature Medicine 7(5): 534-35 (2001)

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	C31	Vreman et al., "Carbon monoxide and carboxyhemoglobin," Adv. Pediatr. 42:303-34 (1995)
	C32	Wang et al., "Carbon monoxide-induced vasorelaxation and the underlying mechanisms," Br. J. Pharmacol. 121:927-934 (1997)
	C33	Wright and Shephard, "Physiological effects of carbon monoxide," Int. Rev. Physiol. 20:311-68 (1979)
	C34	Zegdi et al., "Increased endogenous carbon monoxide production in severe sepsis," Intensive Care Medicine 23:793-96 (2002)
	C35	Zuckerbraun et al., "Carbon Monoxide Protects against Liver Failure through Nitric Oxide-induced Heme Oxygenase 1," J. Exp. Med. 198:1707-716 (2003)

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